

192083

SEARCH REQUEST FORM Scientific and Technical Information Center - EIC2800
 Rev. 1/26/2006 This is an experimental format -- Please give suggestions or comments to Jeff Harrison, JEF-4B68, 22511.

Date	6/5/06	Serial #	101812,277	Priority Application Date	3/20/04
Your Name	M. Lewis			Examiner #	73172
AU	2822	Phone	272-1835	Room	5A30
In what format would you like your results? Paper is the default. If submitting more than one search request form, please prioritize the searches in order of need.					

Where have you searched so far on this case?

Circle: USPTO DWPI EPO Abs JPO Abs IBM TDB
 Other: *Need before 6/12*

What relevant art have you found so far? Please attach citations or Information Disclosure Statements.

What types of references would you like? Please checkmark:

Primary Refs Nonpatent Literature Teaching Refs
 Secondary Refs Foreign Patents Other

Is this a "Fast & Focused Search" request? (Circle One) YES NO

A "Fast & Focused Search" is completed in 2-3 hours (maximum). The search must be on a very specific topic and meet certain criteria. The criteria are posted in EIC2800 and on the STIC NPL Web Page at <http://uspto-a-pattr-2/siraapps/stic/npl/nplsearch.htm>

What is the topic, such as the novelty, motivation, utility, or other specific facets defining the desired focus of this search? Please include the concepts, synonyms, keywords, acronyms, registry numbers, definitions, structures, strategies, and anything else that helps to describe the topic. Please attach a copy of the abstract and pertinent claims.

*Claims 1,5,286-39
 Interposer-Folded
 Minimize Size*

*Problem: See pages 1-2
 Solution: " " abstract*

US 2004/0091211

Staff Use Only

Searcher: Paul Kim
 Searcher Phone: 6772746
 Searcher Location: STIC-EIC2800, JEF-4B68
 Date Searcher Picked Up: 6/12/06
 Date Completed: 6/12/06
 Searcher Prep/Rev Time: 3 hrs
 Online Time: 2 hrs

Type of Search
 Structure (#) _____
 Bibliographic _____
 Litigation _____
 Fulltext _____
 Patent Family _____
 Other _____

Vendors
 STN _____
 Dialog _____
 Questel/Orbit _____
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Mon, 12 Jun 2006, 3:42:20 PM EST

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Select a search number (#) to:

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

Recent Search Queries

Results

#1	(interposer folded<in>metadata)	0
#2	((interposer <in>metadata) <and> (die<in>metadata))<and> (solder<in>metadata)	16
#3	fold and interposer	17
#4	(flexible and interposer<IN>metadata)	29
#5	(flexible and interposer and second<IN>metadata)	19
#6	(flexible and interposer and contact<IN>metadata)	9

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File 2:INSPEC 1898-2006/Jun W1
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 File 94:JICST-EPlus 1985-2006/Mar W2
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Set	Items	Description
S1	6769	INTERPOS?
S2	788533	FOLD??? OR FLEX? OR CURV? OR BEND?
S3	131688	SOLDER () COLUMN? ? OR SOLDER () CONTACT? ? OR CONDUCT? () BUMP? ? OR SOLDER () BALL? ? OR MOUNT? () CONNECT? OR EPOXY () BEAD? ? OR TERMINAL? ?
S4	313358	SOLDER? ? OR CONTACT? ? OR CONDUCT? ? OR BUMP? ? OR BALL? ? OR BEAD? ?
S5	1986724	SURFACE? ? OR EXTERIOR? ? OR LAYER? ? OR OUTSIDE OR OUTER
S6	1018	STACKED () ARRANGEMENT? ? OR MULTIPLE () HOUSING? ? OR CHIP () MOUNT?
S7	63	S1 (3N) S2
S8	28	S7 AND S4
S9	26	RD (unique items)
S10	12	S1 AND S6 /
S11	4	S10 AND S2
S12	28619	S4 (4N) S5
S13	7	S12 AND S7
S14	11	S13 OR S11
S15	5	S14 NOT S9

	L #	Hits	Search Text	DBs	Time Stamp
1	L2	0	("6750536").URPN.	USPAT	2006/06/12 14:25
2	L3	3	("5909058" "6002165" "6060774").PN.	US- PGPUB; USPAT; USOCR	2006/06/12 14:26
3	L4	7	("5909058" "6002165" "6060774").PN.	US- PGPUB; USPAT; USOCR; DERWEN T	2006/06/12 14:26
4	L6	24	((("20030062614") or ("20030148597") or ("5,506,753") or ("5,909,058") or ("6,002,165") or ("6,060,774") or ("6,184,064") or ("6,208,521") or ("6,225,695") or ("6,297,548") or ("6,433,418"))).PN.	US- PGPUB; USPAT; USOCR; DERWEN T	2006/06/12 14:32
5	L7	3	((("6750536") or ("20030062614") or ("6208521"))).PN.	US- PGPUB; USPAT; USOCR	2006/06/12 14:32
6	L8	4	("2003/0062614").URPN.	USPAT	2006/06/12 14:32
7	L9	0	("6750536").URPN.	USPAT	2006/06/12 14:33
8	L10	3	("5909058" "6002165" "6060774").PN.	US- PGPUB; USPAT; USOCR	2006/06/12 14:33
9	L11	46	("6208521").URPN.	USPAT	2006/06/12 14:34

	L #	Hits	Search Text	DBs	Time Stamp
10	L12	21	("3242384" "3873889" "4991290" "5008496" "5220488" "5224023" "5252857" "5265322" "5345205" "5386341" "5448511" "5519578" "5565705" "5646446" "5717556" "5789815" "5805422" "5926369" "5956234" "5963427") . PN.	US- PGPUB; USPAT; USOCR	2006/06/12 14:49
11	L13	1	("20040021211") . PN.	US- PGPUB; USPAT; USOCR	2006/06/12 14:49
12	L14	6	("2004/0021211") . URPN.	USPAT	2006/06/12 14:50